

Claims

- [1] 1. A pharmaceutical composition comprising the crude extract or non-polar solvent soluble extract of Bamboo plant as an active ingredients for the treatment and prevention of cardiovascular disease.
- [2] 2. A pharmaceutical composition comprising the crude extract or non-polar solvent soluble extract of Bamboo plant as an active ingredients for the treatment and prevention of blood circulation disease.
- [3] 3. A pharmaceutical composition comprising the crude extract or non-polar solvent soluble extract of Bamboo plant as an active ingredients for the treatment and prevention of inflammatory disease.
- [4] 4. The pharmaceutical composition according to any of claims 1 to 3 wherein said crude extract is extracted with the solvent selected from the group consisting of water, lower alcohol and the mixture thereof.
- [5] 5. The pharmaceutical composition according to any of claims 1 to 3 wherein said non-polar solvent soluble extract is extracted with non-polar solvent selected from the group consisting of hexane, ethyl acetate, chloroform and dichloromethane.
- [6] 6. The pharmaceutical composition according to any of claims 1 to 5 wherein said bamboo is belonged to *Sasa* genus or *Phyllostachys* genus.
- [7] 7. The pharmaceutical composition according to claim 6 wherein said bamboo is selected from the group consisting of *Sasa borealis* Makino, *Sasa coreana* Nakai, *Sasa japonica* Makino, *Sasa borealis* var. *gracilis* and *Sasa palmata* Nakai.
- [8] 8. The pharmaceutical composition according to claim 6 wherein said bamboo plant is selected from the group consisting of *Phyllostachys bambusoides* SIEB. Et Zucc, *Phyllostachys nigra* MUNRO, *Phyllostachys nigra* MUNRO var. *henonis* STAPF and *Phyllostachys pubescens* MAZEL ex H. de LEH.
- [9] 9. A pharmaceutical composition comprising tricinnol or *p*-coumaric acid isolated from bamboo plant and the pharmaceutically acceptable salt thereof as an active ingredient for the treatment and prevention of cardiovascular disease.
- [10] 10. A pharmaceutical composition comprising tricinnol or *p*-coumaric acid isolated from bamboo plant or the pharmaceutically acceptable salt thereof as an active ingredient for the treatment and prevention of blood circulation disease.
- [11] 11. A pharmaceutical composition comprising tricinnol or *p*-coumaric acid isolated

from bamboo plant or the pharmaceutically acceptable salt thereof as an active ingredient for the treatment and prevention of inflammation.

- [12] 12. The pharmaceutical composition according to any of claims 9 to 11 wherein said the bamboo plant is at least one selected from the group consisting of *Phyllostachys bambusoides* SIEB. Et Zucc, *Phyllostachys nigra* MUNRO, *Phyllostachys nigra* MUNRO var. *henonis* STAPF, *Phyllostachys pubescens* MAZEL ex H. de LEH or *Sasa borealis* Makino, *Sasa coreana* Nakai, *Sasa japonica* Makino, *Sasaborealis* var. *gracilis*, *Sasa palmata* Nakai, *Setaria viridis* BEAUV and *Oryza sativa* L.
- [13] 13. The pharmaceutical composition according to claim 12 wherein said bamboo plant is *Phyllostachys nigra* MUNRO var. *henonis* STAPF. or *Sasa borealis* Makino.
- [14] 14. The pharmaceutical composition according to claim 1 or 9 wherein said cardiovascular disease comprises various cardiovascular diseases such as hypertension, heart disease, brain stroke, peripheral blood disease, thrombosis, stenosis, hyperlipemia, arteriosclerosis, or cardiac infarction.
- [15] 15. The pharmaceutical composition according to claim 3 or 11 wherein said inflammatory disease comprises arthritis, atherosclerosis, gastritis, colitis, nephritis, hepatitis, cancer or degenerative disease.
- [16] 16. A health care food comprising the crude extract or non-polar solvent soluble extract of Bamboo plant as set forth in claim 1 or triclin or *p*-coumaric acid as set forth in claim 9, together with a sitologically acceptable additive for the prevention and treatment of cardiovascular disease.
- [17] 17. A health care food comprising the crude extract or non-polar solvent soluble extract of Bamboo plant as set forth in claim 2 or triclin or *p*-coumaric acid as set forth in claim 10, together with a sitologically acceptable additive for the prevention and treatment of blood circulation disease.
- [18] 18. A health care food comprising the crude extract or non-polar solvent soluble extract of Bamboo plant as set forth in claim 3 or triclin or *p*-coumaric acid as set forth in claim 11, together with a sitologically acceptable additive for the prevention and treatment of inflammation.